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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/016,905	12/14/2001	Michael Von der Geest	3107-237	9583

7590

01/30/2004

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EXAMINER
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HARRIS, CHANDA L

ART UNIT	PAPER NUMBER
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3714

DATE MAILED: 01/30/2004

10

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/016,905

Applicant(s)

VON DER GEEST ET AL.

Examiner

Chanda L. Harris

Art Unit

3714

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 27 October 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-75 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 36-69 is/are allowed.
- 6) ☒ Claim(s) 1-35 and 70-75 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_ 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Status of Claims***

In response to the Amendment filed 10/27/03, Claims 1-75 are pending.

### ***Claim Rejections - 35 USC § 101***

35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

**Claims 1-35 and 70-75 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. The rejection from the previous office action is maintained and is incorporated herein by reference.**

The basis of this rejection is set forth in a two-prong test of:

- (1) whether the invention is within the technological arts; and
- (2) whether the invention produces a useful, concrete, and tangible result.

For a claimed invention to be statutory, the claimed invention must be within the technological arts. Mere ideas in the abstract (i.e., abstract idea, law of nature, natural phenomena) that do not apply, involve, use, or advance the technological arts fail to promote the "progress of science and the useful arts" (i.e., the physical sciences as opposed to social sciences, for example) and therefore are found to be non-statutory subject matter. For a process claim to pass muster, the recited process must somehow apply, involve, use, or advance the technological arts.

In the present case, Claims 1-35 and 70-75 only recite an abstract idea. The recited steps of merely receiving evaluation data for said environment ...; providing model data to an individual that is responsible for said environment ...; receiving from said individual responsible for said environment a selection of at least one of said one or more dimensions of said environment; and providing said individual responsible for said environment an action plan ..., does not apply, involve, use or advance the technological arts since all of the recited limitations can be performed in the mind of the user or by use of pencil and paper. These limitations only constitute an idea of how to how to assist in the development of an environment by performing evaluations and providing a plan for improvement of the environment.

Additionally, for a claimed invention to be statutory, the claimed invention must produce a useful, concrete, and tangible result. In the present case, the claimed invention associates evaluation data or model data with at least one characteristic of an individual responsible for the environment (i.e. repeatable) used in providing the individual responsible for the environment an action plan (i.e. useful and tangible) .

Although the recited process produces a useful, concrete, and tangible result, since the claimed invention, as a whole, is not within the technological arts as explained above, claims 1-35 and 70-75 are deemed to be directed to non-statutory subject matter.

In response to applicant's remarks regarding authority for the technological arts test, the examiner offers the following analysis. Despite the express language of 35 U.S.C. 101, several judicially created exceptions have been excluded from subject

matter covered by Section 101. These exceptions include laws of nature, natural phenomena, and abstract ideas. See Diamond v. Diehr, 450 U.S. 175, 185, 209 USPQ 1, 7 (1981). It is this examiner's opinion that the steps recited in applicant's method are merely the manipulation of abstract concepts without reciting a practical application within any technological art or environment. The phrase "technological arts" has been created to offer another view of the term "useful arts". The Constitution of the United States authorizes and empowers the government to issue patents only for inventions which promote the progress [of science and] the useful arts. It is also this examiner's opinion that the invention as claimed does not promote the progress of science and the useful arts, and does not fall within the definition of technological arts. The abstract idea which forms the heart of the invention does not become a technological art merely by the recitation in the preamble of a "computer implemented" method. As to technological arts recited in the preamble, mere recitation in the preamble (i.e., intended or field of use) or mere implication of employing a machine or article of manufacture to perform some or all of the recited steps does not confer statutory subject matter to an otherwise abstract idea unless there is positive recitation in the claim as a whole to breathe life and meaning into the preamble.

***Allowable Subject Matter***

1. Claims 36-69 are allowed.
2. The following is a statement of reasons for the indication of allowable subject matter: The prior art does not teach or fairly suggest a second code segment for

causing a processor to receive from an individual responsible for an environment a selection of at least one or more dimensions associated with at least one characteristic of the of the individual responsible for the environment in combination with the other claimed limitations (Claim 36 and similar language in independent Claim 53). See p.27, lines 9-18 of Applicant's Response filed 10/27/03.

### ***Citation of Pertinent Prior Art***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- Peter, K.  
-appraisal of classroom instruction
- Crisci, P.E.  
-a teacher appraisal system
- Kuh, G.D.  
-needs assessments in education

### ***Response to Arguments***

Applicant's arguments regarding the Claim Rejection Under 35 U.S.C. 101 have been fully considered but they are not persuasive. See rejection above.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chanda L. Harris whose telephone number is 703-308-8358. The examiner can normally be reached on M-F 6:30am-4:00pm.


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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tom Hughes can be reached on 703-308-1806. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1148.

Ch.  
ch.



MARK SAGER  
PRIMARY EXAMINER